

In the Claims

Please cancel claim 14 without prejudice and amend claims 1-13 as set forth in the complete listing of the claims and their status that follows.

1. (Currently amended) Peristaltic pump, with a rotor (3) received in a housing, which is provided with at least one rotatably supported conveyor roller (33a, 33b, 33c), as well as with a tubing holder (2) for receiving of at least one flexible tubing section (43) that is squeezable by the conveyor roller (33a, 33b, 33c) for peristaltically conveying a medium, characterized in that the tubing holder (2) is provided with a tubing bed body member (25) for receiving of at least one flexible tubing section (43), whereby the inlet and/or the outlet region (35,36) of the tubing bed body member (25) is designed such that the cross sectional area of the tubing relevant for the conveying is continuously decreased and increased, respectively, by the conveyor roller (33a, 33b, 33c) rolling over the particular tube section (43), and further characterized in that the rotor (3) is provided with at least three conveyor rollers (33a, 33b, 33c), and the inlet region (35) is offset around the axis of rotation of the rotor (3) with regard to the outlet region (36) by 210° to 270° .

2. (Currently amended) Pump according to claim 1, characterized in that the tubing bed body member (25), in the inlet region (35), passes over from ~~the~~ a convex shape to a concave shape in a smooth transition, as seen in the sense of rotation.

3. (Previously presented) Pump according to claim 1, characterized in that the tubing bed body member (25), in the outlet region (36), passes over from a concave shape to a convex shape in a smooth transition, as seen in the sense of rotation.

4. (Currently amended) Pump according to claim 2, characterized in that ~~at least two conveyor rollers (33a, 33b, 33c) are provided, and that, with regard to the axis of rotation of the rotor (3),~~ the inlet region (35) is located with regard to the outlet region (36) such that, if one of the conveyor rollers (33a) is in the inlet region (35), another conveyor roller (33c) simultaneously is in the outlet region (36).

5. (Currently amended) Pump according to claim 1 [[2]], characterized in that the tubing bed body member is designed essentially in the shape of an omega.

6. (Currently amended) Pump according to claim 1 [[2]], characterized in that [[e]] the tubing bed body member (25) at least partially and coaxially enlaces the rotor (3).

7. (Currently amended) Pump according to claim 1 [[2]], characterized in that the tubing bed body member (25), together with a support frame (1), constitutes the housing of the pump, whereby the tubing bed body member has two legs (2a, 2b) at its end which are resiliently elastic in radial direction and provided with notch elements, by means of which the tubing bed body member (25) can be snapped into cut-outs (13) on the support frame (1) in the sense of a snap-on connection.

8. (Currently amended) Pump according to claim 1 [[2]], characterized in that the tubing bed body member (25) is designed such that its dimensional stability and fixation at the support frame (1) is supported, in addition to the elastically resilient inherent tenseness of the legs (2a, 2b), by the mutual force action of the ~~squeezed tubing-section~~ conveyor roller (33a, 33b, 33c) and the squeezed tubing sections (43), respectively.

9. (Currently amended) Pump according to claim 1 [[2]], characterized in that the tubing bed body member (25) is provided with a plurality of radially and/or axially extending reinforcing ribs (23, 24).

10. (Currently amended) Pump according to claim 1 [[2]], characterized in that the inner side of the tubing bed body member (25) is provided with a multitude of groove-like recesses (21) for receiving and guiding a plurality of tubing sections (43).

11. (Currently amended) Pump according to claim 10 [[2]], characterized in that ~~the particular~~ each conveyor roller (33a, 33b, 33c) is in the shape of a barrel and extends in axial directions over the groove-like recesses (21).

12. (Currently amended) Pump according to claim 1 [[2]], characterized in that the ~~particular~~ at least one flexible tubing section is led into and out of the tubing bed body member (25) in substantially tangential direction.

13. (Currently amended) Pump according to claim 1 [[2]], characterized in that ~~the rotor (3) is provided with at least two conveyor rollers (33a, 33b, 33c), and that~~ the tubing bed body member (25) coaxially enlaces the rotor (3) at least by an amount of 360^0 divided by the number of conveyor rollers.

14. (Cancelled)

15. (New) Pump according to claim 2, characterized in that the tubing bed body member (25), in the outlet region (36), passes over from a concave shape to a convex shape in a smooth transition, as seen in the sense of rotation.